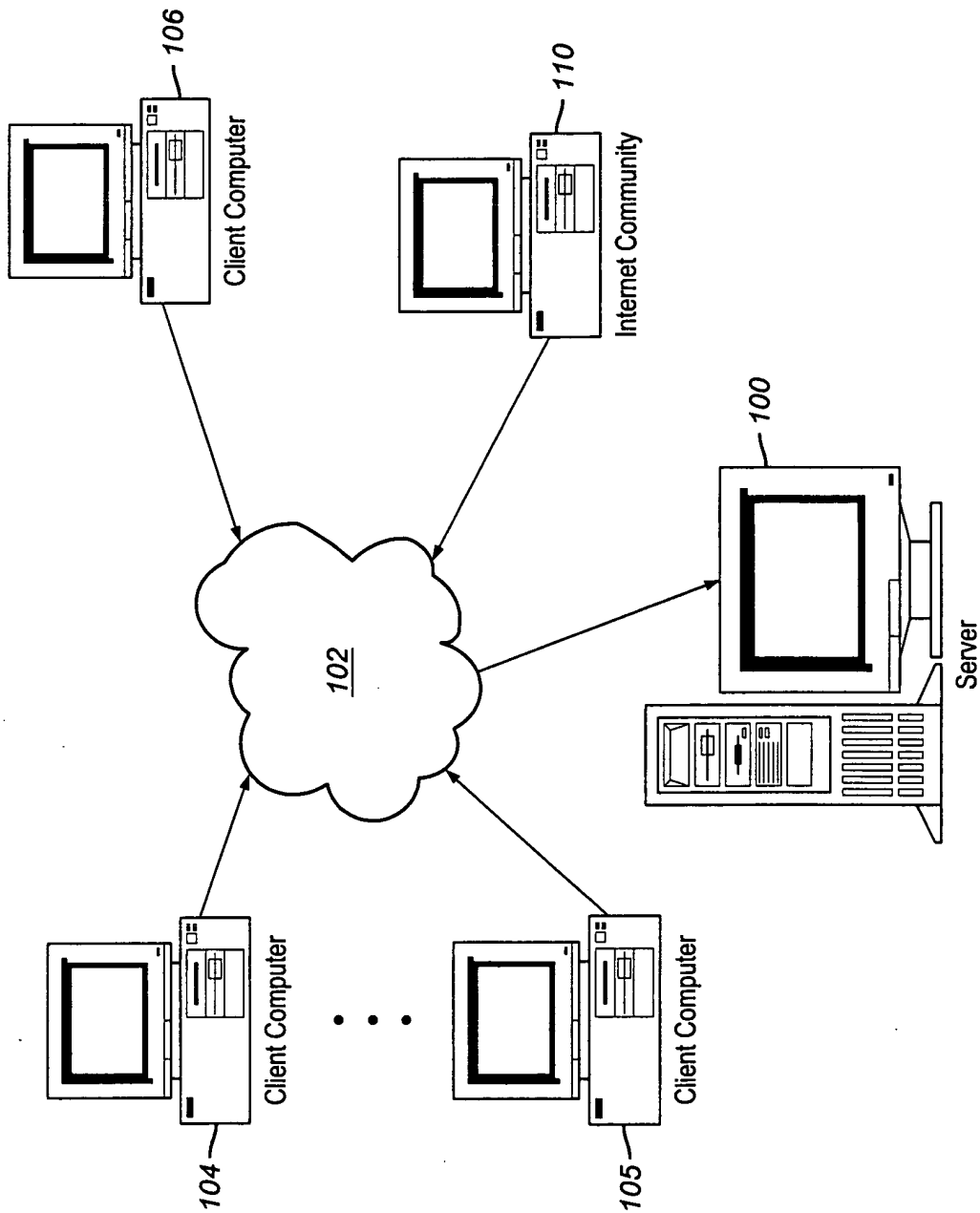




1/10



**FIG. 1**



2/10

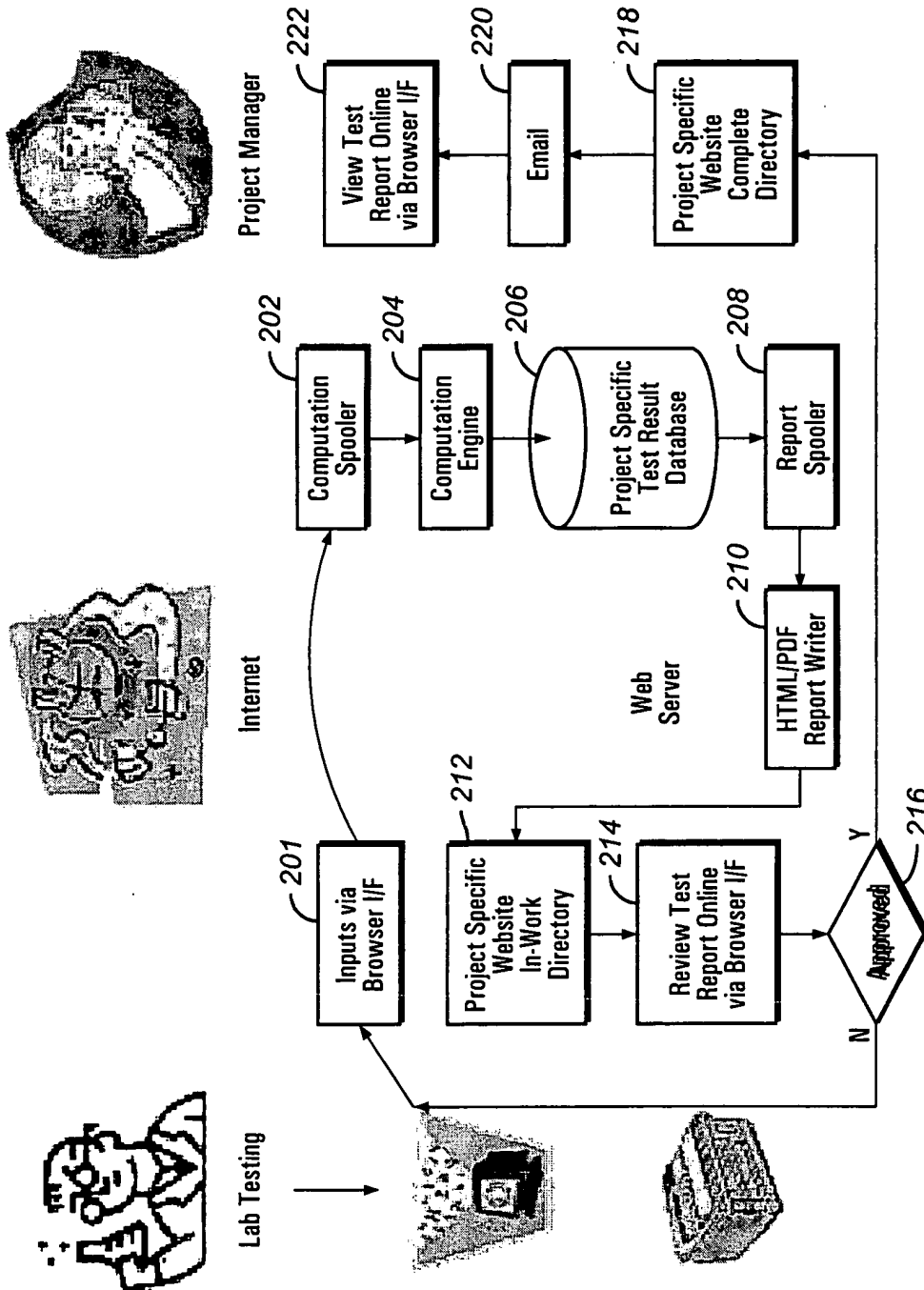
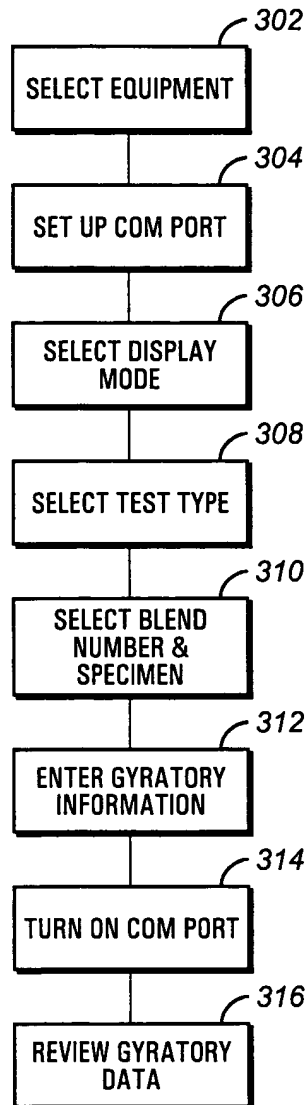


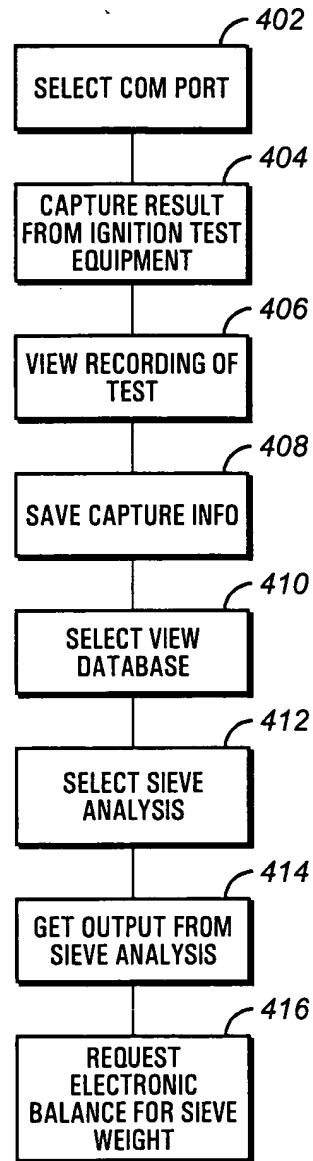
FIG. 2



3/10



**FIG. 3A**



**FIG. 4A**



4/10

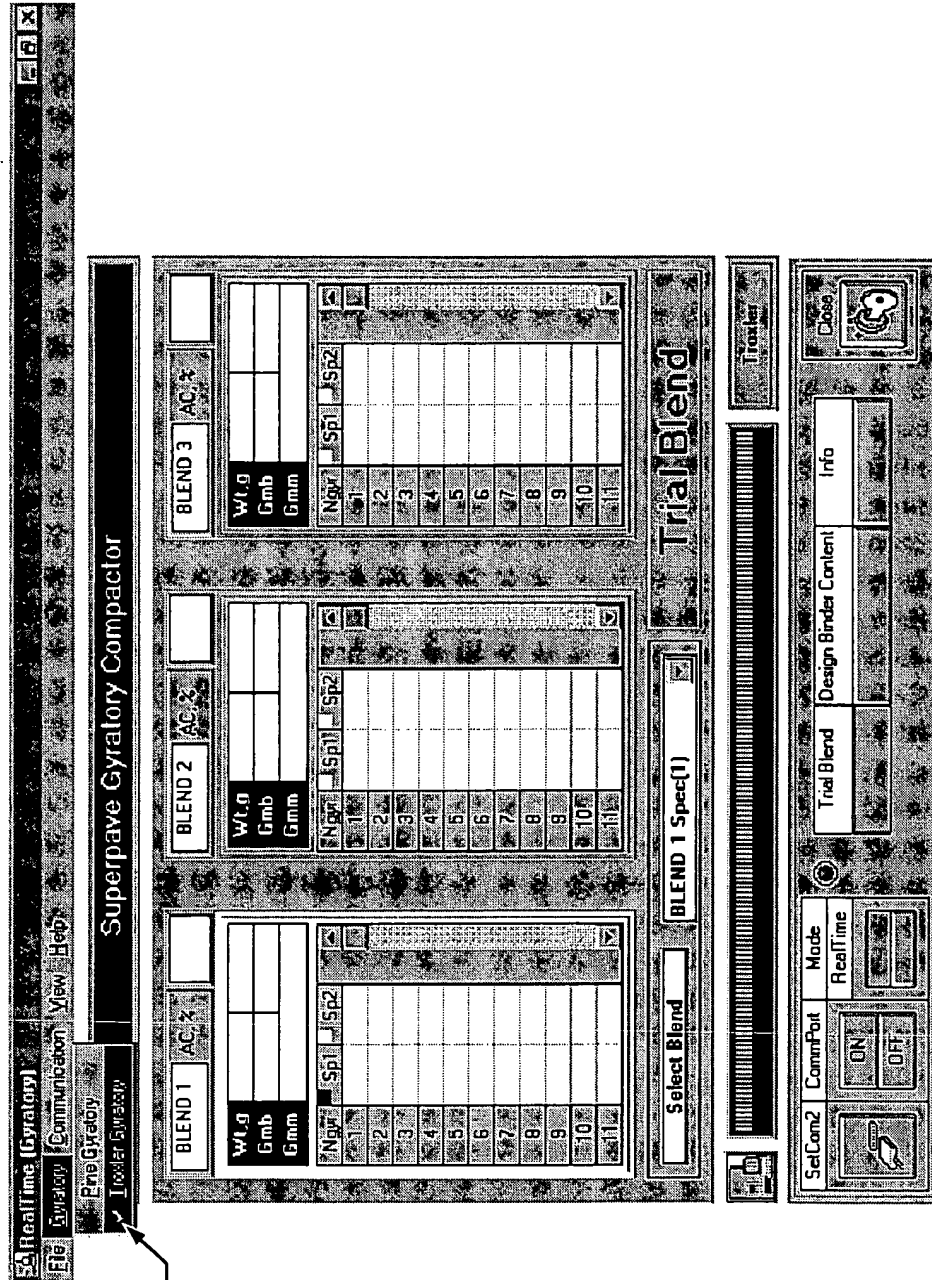


FIG. 3B

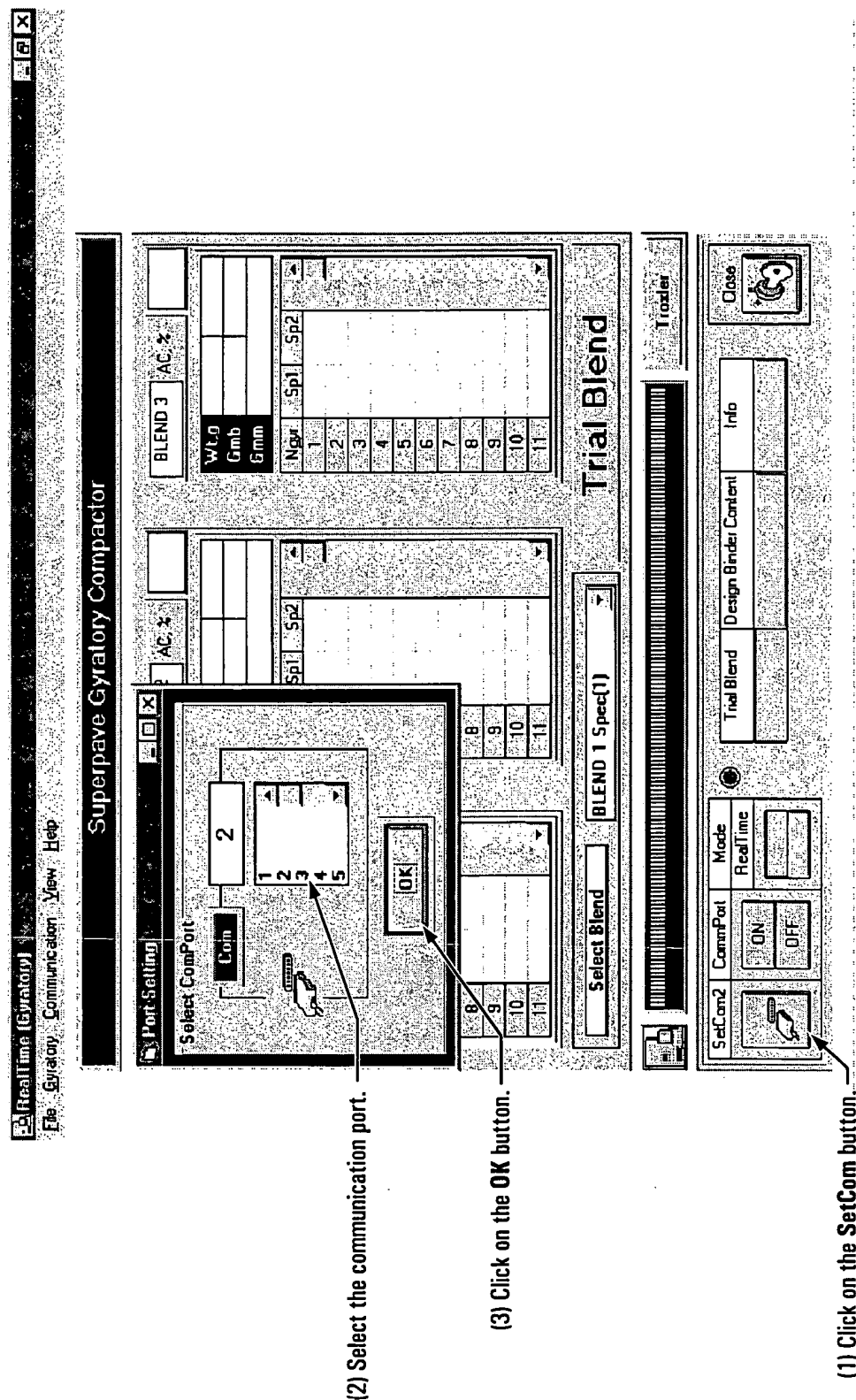


FIG. 3C



6/10

RealTime (Gyratory) Edit Gyratory Communication View Help

Superpave Gyratory Compactor

BLEND 1 AC: %

Wt-g Gmb Gmm

Ngr Sp1 Sp2

1 2 3 4 5 6 7 8 9 10 11

BLEND 2 AC: %

Wt-g Gmb Gmm

Ngr Sp1 Sp2

1 2 3 4 5 6 7 8 9 10 11

BLEND 3 AC: %

Wt-g Gmb Gmm

Ngr Sp1 Sp2

1 2 3 4 5 6 7 8 9 10 11

Select Blend BLEND 1 Spec(1)

Trial Blend

SeiCom2 CommPort Mode RealTime

ON OFF

Trial Blend Design Binder Content Info

Close

(3) Select the blend number and specimen number (Sp 1 or 2).

(1) Select the display mode: Real Time or Import.

(2) Select the test type: Trial Blend or Design Binder Content.

FIG. 3D



7/10

(4) Click on the File and Save As to save the result

File Edit View Help

Superpave Gyrotory Compactor

BLEND 1 AC: % 4.5

Wt. g	Gmb	Gmm
4800	4850	2.325
2315	2.325	2.561

Nom	Sp1	Sp2
1	137.7	
2	135.7	
3	134	
4	132.5	
5	131.2	
6	130.1	
7	129.1	
8	127.4	
9	127.4	
10	126.7	
11	126.1	

BLEND 2 AC: %

Wt. g	Gmb	Gmm

Nom	Sp1	Sp2
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		

BLEND 3 AC: %

Wt. g	Gmb	Gmm

Nom	Sp1	Sp2
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		

Select Blend

BLEND 1 Spec(1)

Trial Blend

Transfer

SetCom2

CommPort

Mode

RealTime

ON

OFF

Info

Close

When it is ready to run a test,

- (1) Click on the INFO button to enter the information. (or after a test)
- (2) Click on the Comm Port switch: ON to turn it on.
- (3) Review and check data.

FIG. 3E



8/10

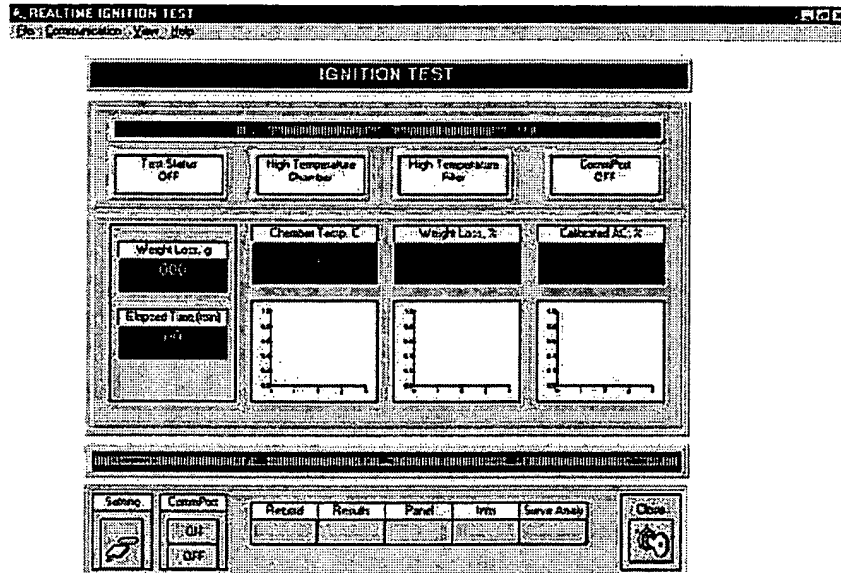


FIG. 4B

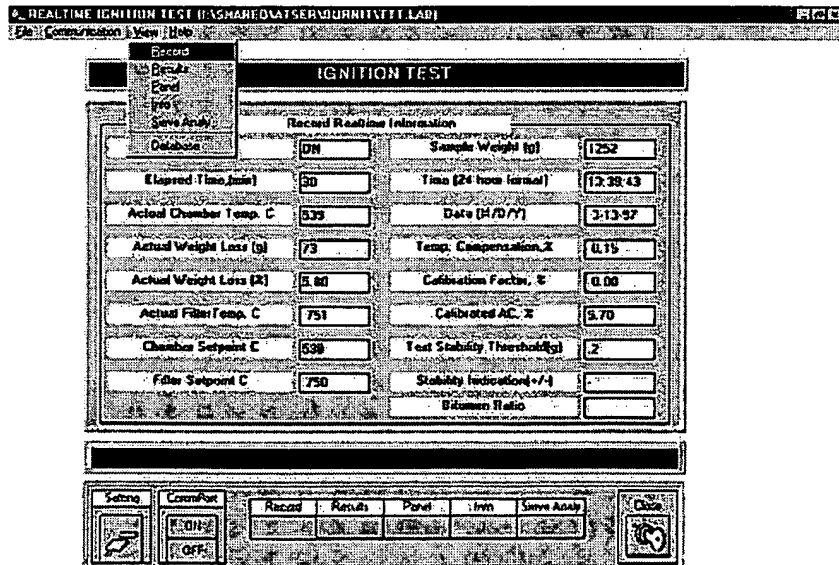


FIG. 4C





9/10

REALTIME IGNITION TEST (J. MOHNCHUCK LAB)

File Communication View Help

IGNITION TEST

	1	2	3	4	5
ON/OFF	OFF	OFF	OFF	OFF	OFF
Time (min)	0	0	0	0	0
Chamber Temperature (C)	539	544	545	546	47
Filter Loss (g)	0.0	0.0	0.0	0.0	0
Actual Weight Loss (g)	0.00	0.00	0.00	0.00	0.0
Actual Filter Temperature (C)	704	700	712	717	71
Chamber Setpoint (C)	540	540	540	540	54
Filter Setpoint (C)	750	750	750	750	75
Sample Weight (g)	1893	1899	1899	1899	18
Time (24 hrs (mm))	16:43:01	16:44:00	16:45:00	16:46:00	16:4
Date (M/D/Y)	02-18-00	02-18-00	02-18-00	02-18-00	02-11
Temperature Compensation (Z)	0.00	0.00	0.00	0.00	0.0
Calibrated Factor (Z)	0.00	0.00	0.00	0.00	0.0
Calculated Asphalt Content (Z)	0.00	0.00	0.00	0.00	0.0
Test Stability Threshold (g)	.01	.01	.01	.01	.0
Stability Indication (+/-)					

Setting:

FIG. 4D

REALTIME IGNITION TEST (J. MOHNCHUCK LAB)

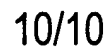
File Communication View Help

Database

Test No.	Test Status (ON/OFF)	Elapsed Time (min)	Actual Chamber Temperature (C)	Actual Weight Loss (g)	Actual Filter Temperature (C)	Chamber Setpoint (C)
5	ON	30	5.0	73	5.0	751
4	ON	30	5.0	73	5.0	751
3	ON	30	5.0	73	5.0	751
2	ON	30	5.0	73	5.0	751
1	ON	30	5.0	73	5.0	751

Setting:

FIG. 4E



**FIG. 4F**